p. 322

Oct 26

32. $x^1(x^2 + 2x^1 + 3)$

$= x^3 + 2x^2 + 3x$

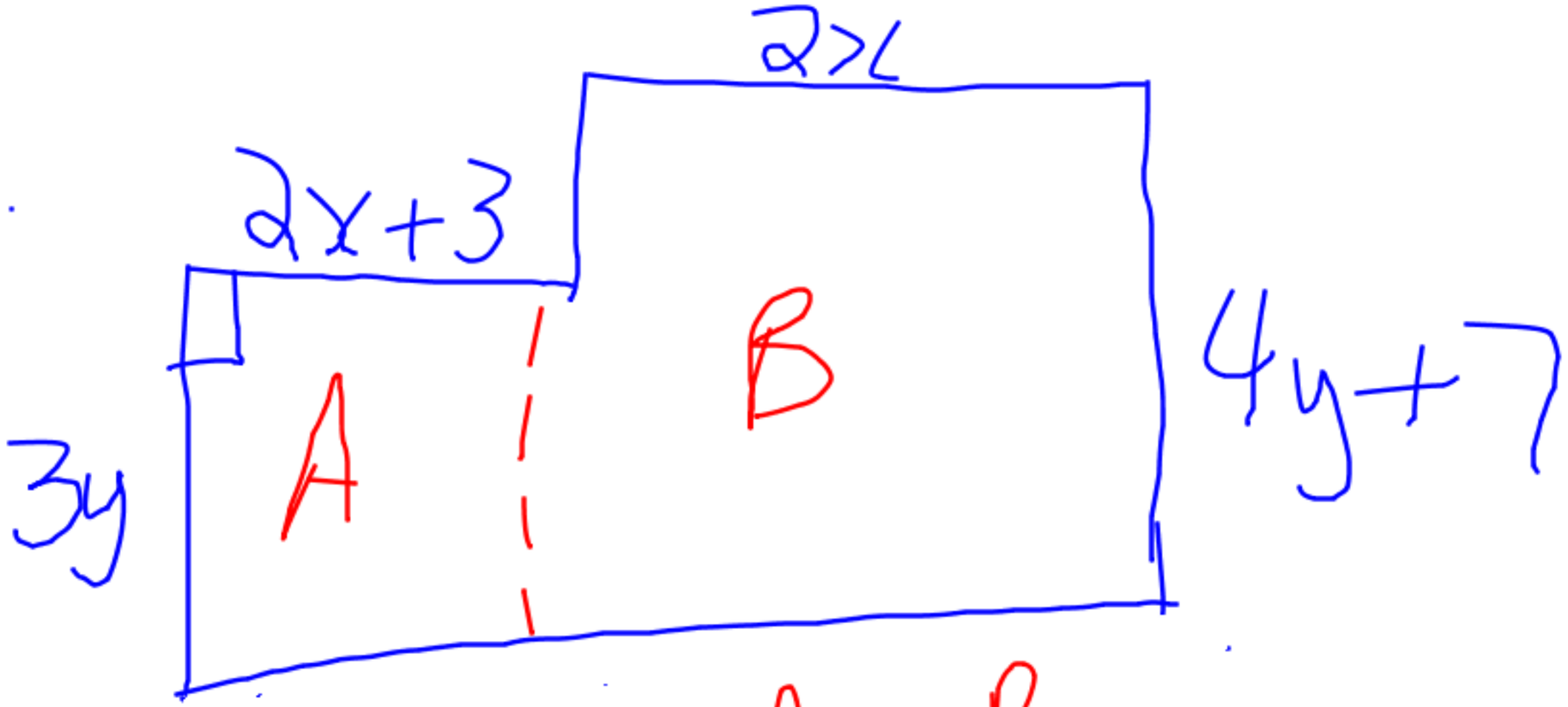
Multiply and the exponents

45. $5y(1-y)+3(2y^2-4y+3)$

$= 5y-5y^2+6y^2-12y+9$

$= y^2-7y+9$

476.



Total Area = A + B

T.A. = (L x W) + (L x W)

T.A. = (3y)(2x+3) + (2x)(4y+7)

T.A. = 6xy + 9y + 8xy + 14x

T.A. = 14x + 14xy + 9y

P. 324 Dividing Monomials

1. $\frac{6x}{3}$

$= 2x$

7. $\frac{12x}{4x}$

$= 3$

Do 2, 3, 4, 5, 6, 8, 9, 10

11, 12, 14, 15, 17, 18

19. $25xy \div 5xy = \frac{25xy}{5xy} = 5$

35. $\frac{-12m^6 n}{4m^3 n^4} = \frac{mmmmmmm}{mmmn}$

$= -3m^3$

41. $\dfrac{-16m^8n^3}{4m^7n^3}$

$= -4m$

When you divide exponents to the same base, you subtract

43.

$$\frac{-24x^{-5}y^{-2}}{18x^{-6}y^{-3}}$$

$$= -\frac{4x^{1}y^{1}}{3}$$

$$x^{-5-(-6)}$$

$$x^{-5+6}$$

$$x^{1}$$

$$y^{-2-(-3)}$$

$$y^{-2+3}$$

$$y^{1}$$

Homework: Finish p. 322
p. 324 thru 42
Rel Quiz